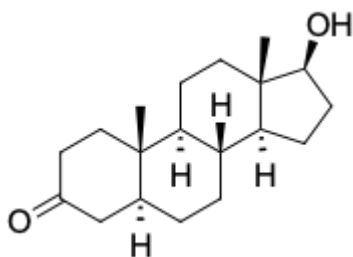


5 α -Dihydrotestosterone

<http://www.lumiprobe.com/p/5-alpha-dihydrotestosterone-521-18-6>

5 α -Dihydrotestosterone is formed from testosterone in target tissues under the action of the enzyme 5 α -reductase and acts primarily locally. This metabolite serves as a key marker for conditions such as 5 α -reductase deficiency, as well as for the diagnosis and treatment monitoring of benign prostatic hyperplasia, prostate cancer, and androgenetic alopecia.

Using our product ensures high purity, methodological stability, and reliability of the data obtained, which forms the basis for accurate clinical and scientific conclusions.



Structure of 5 α -Dihydrotestosterone

General properties

Appearance: white powder

Molecular weight: 290.44

CAS number: 521-18-6

Molecular formula: C₁₉H₃₀O₂

Solubility: methanol, ethanol, DMSO

Quality control: NMR ¹H and HPLC-MS (95+%)

Storage conditions: 24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Desiccate.

Legal statement: This Product is offered and sold for research purposes only. It has not been tested for safety and efficacy in food, drug, medical device, cosmetic, commercial or any other use. Supply does not express or imply authorization to use for any other purpose, including, without limitation, in vitro diagnostic purposes, in the manufacture of food or pharmaceutical products, in medical devices or in cosmetic products.